

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below whether or not an amendment has been made. Please amend the claims as follows:

1 - 105. (Cancelled)

106. (New) A method, comprising:

receiving, by a controller embodied in one or more client premises devices, an indication to initiate a communications session between a dumb terminal and a remote terminal using an Internet Protocol (IP) packet based network, the dumb terminal comprising a non-IP telephone;

generating, by the controller, an abstraction of at least one signaling message received from the dumb terminal, the abstraction of the at least one signaling message comprising a description of the at least one signaling message; and

translating, by the controller, the abstraction of the at least one signaling message for presentation to the remote terminal, thereby establishing the communications session between the dumb terminal and the remote terminal using the IP packet based network.

107. (New) The method of Claim 106, wherein the method employs an Internetwork Packet Exchange / Sequenced Packet Exchange (IPX/SPX) transport protocol.

108. (New) The method of Claim 106, wherein the remote terminal comprises a computer executing telephony software.

109. (New) The method of Claim 106, further comprising:
receiving, by the controller, a plurality of first packets generated at the remote terminal for presentation to the dumb terminal;
translating, by the controller, the received first packets into voice information for presentation to a user of the dumb terminal;
receiving, by the controller, voice activity from the user;
generating, by the controller, a plurality of second packets that represent the voice activity; and
transmitting, by the controller, the generated second packets to the remote terminal.

110. (New) The method of Claim 106, wherein receiving, by a controller embodied in one or more client premises equipment devices, an indication to initiate a communications session comprises receiving an off-hook signal in response to a user indicating a desire to establish the communications session.

111. (New) The method of Claim 106, wherein the communications session comprises a media stream.

112. (New) The method of Claim 106, wherein the at least one signaling message comprises an indication selected from the group consisting of:
a telephony off-hook event,
a telephony on-hook event,
a telephony button depressed event,
a telephony digit dialed event, and
a client registration event.

113. (New) A customer premises equipment device, comprising:
a processor; and
a storage device embodying a controller operable, when executed on the processor, to:
receive an indication to initiate a communications session between a dumb terminal
and a remote terminal using a packet based network;
generate an abstraction of at least one signaling message received from the dumb
terminal, the abstraction of the at least one signaling message comprising a description of the
signaling message; and
translate the abstraction of the at least one signaling message for presentation to the
remote terminal, thereby establishing the communications session between the dumb terminal
and the remote terminal using the packet based network.

114. (New) The customer premises equipment device of Claim 113, wherein the
controller employs an Internetwork Packet Exchange / Sequenced Packet Exchange
(IPX/SPX) transport protocol.

115. (New) The customer premises equipment device of Claim 113, wherein the
remote terminal comprises a computer executing telephony software.

116. (New) The customer premises equipment device of Claim 113, wherein the
controller is further operable to:

receive a plurality of first packets generated at the remote terminal for presentation to
the dumb terminal;
translate the received first packets into voice information for presentation to a user of
the dumb terminal;
receive voice activity from the user;
generate a plurality of second packets that represent the voice activity; and
transmit the generated second packets to the remote terminal.

117. (New) The customer premises equipment device of Claim 113, wherein the controller is further operable to receive an off-hook signal in response to a user indicating a desire to establish the communications session.

118. (New) The customer premises equipment device of Claim 113, wherein the communications session comprises a media stream.

119. (New) The customer premises equipment device of Claim 113, wherein the at least one signaling message comprises an indication selected from the group consisting of:

- a telephony off-hook event,
- a telephony on-hook event,
- a telephony button depressed event,
- a telephony digit dialed event, and
- a client registration event.

120. (New) Logic encoded in computer-readable media at a customer premises equipment device, the logic being operable, when executed on a processor, to:

receive, by a controller embodied in one or more client premises devices, an indication to initiate a communications session between a dumb terminal and a remote terminal using a packet based network;

generate, by the controller, an abstraction of at least one signaling message received from the dumb terminal, the abstraction of the at least one signaling message comprising a description of the signaling message; and

translate, by the controller, the abstraction of the at least one signaling message for presentation to the remote terminal, thereby establishing the communications session between the dumb terminal and the remote terminal using the packet based network.

121. (New) The logic of Claim 120, wherein the logic employs an Internetwork Packet Exchange / Sequenced Packet Exchange (IPX/SPX) transport protocol.

122. (New) The logic of Claim 120, wherein the remote terminal comprises a computer executing telephony software.

123. (New) The logic of Claim 120, wherein the logic is further operable to:

receive, by the controller, a plurality of first packets generated at the remote terminal for presentation to the dumb terminal;

translate, by the controller, the received first packets into voice information for presentation to a user of the dumb terminal;

receive, by the controller, voice activity from the user;

generate, by the controller, a plurality of second packets that represent the voice activity; and

transmit, by the controller, the generated second packets to the remote terminal.

124. (New) The logic of Claim 120, wherein the logic is further operable to receive an off-hook signal in response to a user indicating a desire to establish the communications session.

125. (New) The logic of Claim 120, wherein the communications session comprises a media stream.